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PATENT SPECIFICATION

780,922



Date of Application and filing Complete Specification: April 4, 1956.

No. 10286/56.

Application made in Italy on April 4, 1955.

Complete Specification Published: Aug. 7, 1957.

Index at acceptance:—Classes 66, D(1E: 7N: 7M); and 125(3), T7F1.

International Classification:—B65d. B67b.

COMPLETE SPECIFICATION

Improvements relating to Containers

We, UNILEVER LIMITED, a Company registered under the laws of Great Britain, of Port Sunlight, in the County of Chester, England, do hereby declare the invention, for which we pray that a patent may be granted to us and the method by which it is to be performed, to be particularly described in and by the following statement:—

This invention relates to containers in the form of a bottle closed by a screw threaded closure cap and in particular to containers of this type for perfumes.

It is an object of the present invention to provide a container of the above type, in which the possibility of mislaying the cap is reduced, and in which application of the cap is facilitated.

According to the present invention there is provided a container comprising a bottle, a cover slidable over the bottle, and a screw threaded closure cap for the bottle, said closure cap being rotatably secured to the cover, the arrangement being such that the cap can be rotated by hand to screw it on and unscrew it from the correspondingly threaded neck of the bottle.

The cross-section of the cover and bottle are preferably such that the cover is not rotatable relative to the bottle.

The invention will now be described with reference to the accompanying drawings in which:

Fig. 1 shows a vertical cross section of one embodiment of the container;

Fig. 2 shows a vertical cross section of another embodiment of the container;

Fig. 3 shows an isometric view of the container shown in Fig. 2.

The cover 1 is an easy slide fit over the glass perfume bottle 2. The closure cap 3 has an upper part in the form of a knurled flange 4 and a lower part which has an internal screw thread. The cap is provided with an annular groove situated between the flange and the lower part. The cap passes through a circular aperture 5 in the closed end of the cover, said aperture being smaller than the flange and the lower part of the cap, but

slightly larger than the annular groove. Thus the cap is free to rotate whilst being secured to the cover. The cap is originally placed in position in the cover by making it in two parts which are secured to one another after one or both of them have been passed through the aperture. For example, the flange may be provided with a short square stem which is secured by adhesive in a corresponding recess in the lower part of the cap.

The embodiment shown in Figs. 2 and 3 differs from that shown in Fig. 1 in that the knurled flange 4¹, which is situated at the lower end of the cap, has a diameter greater than the narrowest width of the cover. The cover has two diametrically opposed slots 6 in its major sides, through which part of the flange protrudes. Thus here, too, the cap is rotatably secured to the cover. In this embodiment the cover is provided with a slit down one of its narrow sides so that the cover can be bent outwards to enable the cap to be inserted.

The horizontal cross section of the cover and bottle shown in Fig. 1 as well as then shown in Figs. 2 and 3 is such that the cover is not rotatable relative to the bottle.

In use the container is held with the cap uppermost and the cap is rotated so that it becomes disengaged from the correspondingly screw threaded neck of the bottle which, thereupon, slides out of the cover into the hand of the user. When it is desired to close the bottle, the cover is slid over the bottle until the cap engages the neck. The cap is then rotated in the usual manner.

The cover is preferably made of metal, for example copper, and its sides may be corrugated or ribbed, as shown in Fig. 3, to increase its strength and to provide an attractive appearance.

It will be noted that as the closure cap is permanently secured to the cover it is far less likely to be mislaid in use than if it were a separate component. Moreover, the cover apart from providing some protection for the closed bottle, also greatly facilitates the closing operation as it assists in locating the neck of

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the bottle relative to the cap.

What we claim is:—

1. A container comprising a bottle, a cover
5 slidable over the bottle, and a screw threaded
closure cap for the bottle, said closure cap
being rotatably secured to the cover, the
arrangement being such that the cap can be
rotated by hand to screw it on and unscrew
10 it from the correspondingly threaded neck of
the bottle.
2. A container as claimed in claim 1 in
which the cover is not rotatable relative to
the bottle.
3. A container as claimed in Claim 1 or 2
15 in which the cap is provided with a flange
which is situated above the closed end of the
cover.

4. A container as claimed in Claim 1 or 2
in which the cover has two diametrically
opposed slots in its sides and in which the cap
20 is provided with a flange which protrudes
through said slots.

5. A container as claimed in any one of
the preceding claims, in which the cover covers
25 the full height of the bottle.

6. A container substantially as herein
described with reference to Fig. 1 of the
accompanying drawings.

7. A container substantially as herein
described with reference to Figs. 2 and 3 of
30 the accompanying drawings.

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Leamington Spa: Printed for Her Majesty's Stationery Office, by the Courier Press.—1967
Published at The Patent Office, 25, Southampton Buildings, London, W.C.2, from which
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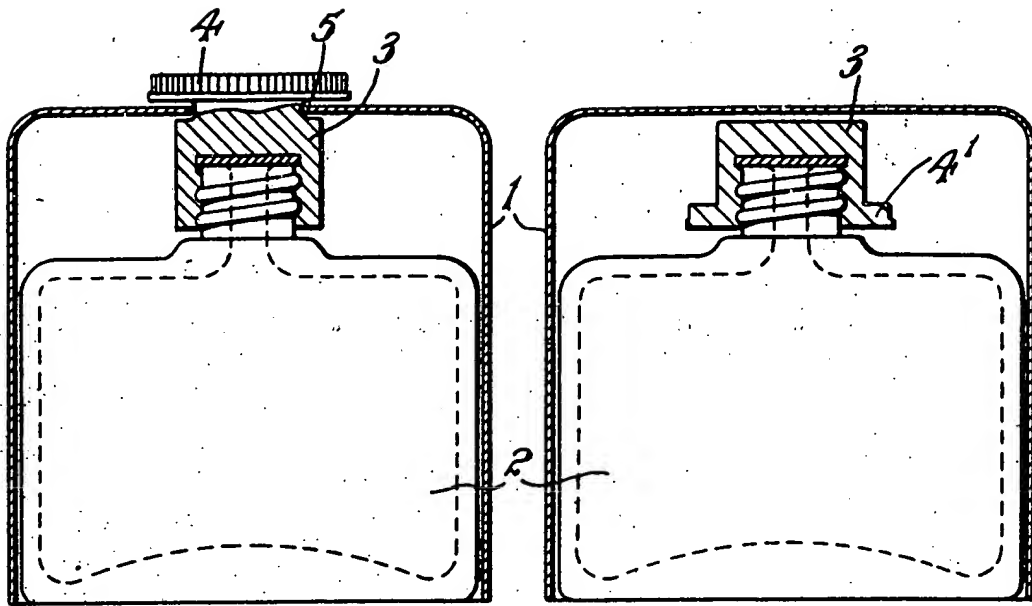


Fig. 1.

Fig. 2.

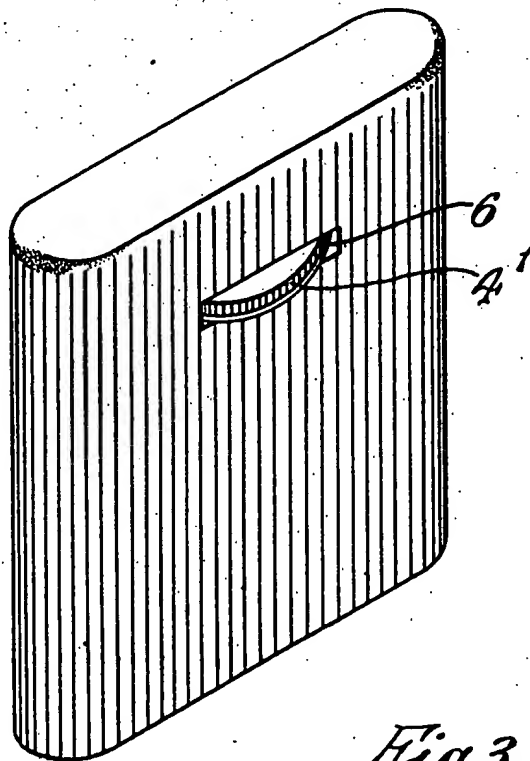


Fig. 3.

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